

Converting Colors

YUV(188.5550, 32.2644,
58.2723)

Have a look what the booklet for
YUV(188.5550, 32.2644, 58.2723)
contains.

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Color

**YUV(188.5550, 32.2644,
58.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EFE
RGB	255, 142, 254
RGB Percent	100%, 56%, 100%
CMY	0.0000, 0.4431, 0.0039
CMYK	0.00, 0.44, 0.00, 0.00
HSL	301°, 100%, 78%
HSV	301°, 44%, 100%
XYZ	68.8024, 47.7618, 99.3586
YIQ	188.5550, 31.3960, 58.7880

Conversions

Conversions Part 2

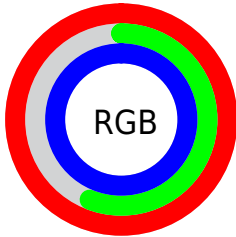
Format	Color
R _{YB}	255, 142, 254
Decimal	16748286
CIE Lab	74.67, 58.11, -37.65
CIE LCh	75, 69.239, 327.055
Yxy	47.7618, 0.3186, 0.2212
Android (android.graphics.Color)	4294938366 (0xFFFF8EFE)
YUV	188.5550, 32.2644, 58.2723
Hunter-Lab	69.1099, 56.7635, -36.8637

Details

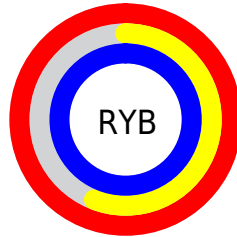
The YUV color **188.5550, 32.2644, 58.2723** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.4450, -32.2644, -58.2723**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **132.1310, 31.9804, 56.0131** is the 20% darker color. If you saturate the color by 10%, you get **173.8800, 39.4992, 71.1422**, and if you desaturate by 10%, it is **203.8170, 24.7402, 44.8875**.

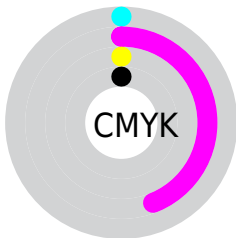
Distribution



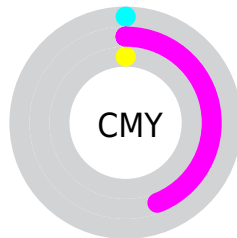
- Red (100%)
- Green (56%)
- Blue (100%)



- Red (100%)
- Yellow (56%)
- Blue (100%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.5550, 32.2644, 58.2723 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 188.5550, 32.2644, 58.2723 by changing the saturation by 10% instead.


 188.5550, 32.2644,
58.2723

 188.5550, 32.2644,
58.2723


255.0000, 0.0000,
0.0000


 159.8430, 32.1224,
57.1427


 221.5410, 16.4953,
29.3435


 132.1310, 31.9804,
56.0131

 238.5640, 8.1029,
14.4144

 104.1310, 31.9804,
56.0131

 74.5980, 33.7222,
57.3576

 46.8260, 34.5958,
57.1576

 35.9030, 27.6558,
43.0581

 25.2790, 20.5685,

29.5733

■ 15.2960, 14.6441,
16.4034

■ 3.2090, 9.7570,
-2.8143

■ 188.5550, 32.2644,
58.2723

■ 188.5550, 32.2644,
58.2723

■ 173.8800, 39.4992,
71.1422

■ 203.8170, 24.7402,
44.8875

■ 158.6180, 47.0233,
84.5270

■ 218.4920, 17.5054,
32.0175

■ 143.8290, 53.8213,
97.4970

■ 233.8680, 10.4181,
18.5328

■ 128.5670, 61.3455,
110.8817

■ 248.5430, 3.1833,
5.6628

■ 113.8920, 68.5802, 255.0000, 0.0000,
123.7517 0.0000

■ 105.0870, 72.9211,
131.4737

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.5870, 36.6856, -6.6538



188.5550, 32.2644, 58.2723



171.0350, 10.8287, 73.6373

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188.5550, 32.2644, 58.2723



175.7660, -65.4536, 40.5472



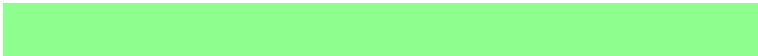
152.9780, 42.9018, -134.1617

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



188.5550, 32.2644, 58.2723



208.4450, -32.2644, -58.2723

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145.5680, 14.5100, -127.6631



188.5550, 32.2644, 58.2723



170.2050, -54.8241, -8.9498

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.5550, 32.2644, 58.2723



175.3070, -48.9584, 69.8908



155.3810, -21.8798, -75.7561



150.5790, 51.4796, -132.0578

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.5550, 32.2644, 58.2723



166.7200, -8.2430, 77.4216



155.3810, -21.8798, -75.7561



150.5840, 33.7291, -132.0622

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



188.5550, 32.2644, 58.2723



235.6290, 9.5499, 16.9884



154.8820, 49.3582, -11.2975



115.5590, 5.6404, 10.9108



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188.5550, 32.2644, 58.2723



175.6410, 38.6310, 69.5978



182.2850, 8.2405, 63.7711



120.2550, 3.3253, 6.7924



78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



188.5550, 32.2644, 58.2723



175.6410, 38.6310, 69.5978



214.8290, -7.8037, -63.8710



120.2550, 3.3253, 6.7924



78.7690, 54.8369, 98.4266



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 188.5550, 32.2644, 58.2723 looks on a white background.

Color Contrast Check

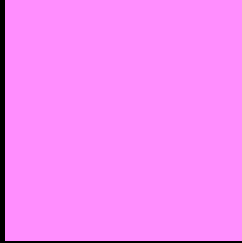
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 188.5550, 32.2644, 58.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

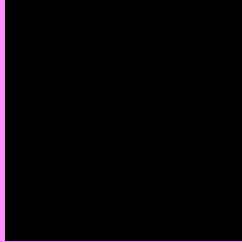
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.5550, 32.2644, 58.2723

Background



This preview shows how black text looks on a background with the YUV color 188.5550, 32.2644, 58.2723.



This preview shows how white text looks on a background with the YUV color 188.5550, 32.2644,

58.2723.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

188.5550, 32.2644, 58.2723

Protanopia

184.0430, 34.9818, -20.2087

Deuteranopia

184.3380, 30.8924, -15.2054



Tritanopia

186.7830, -7.2880, 51.0563

Trichromacy



Original Color

188.5550, 32.2644, 58.2723



Protanomaly

185.4040, 34.3108, 8.4157



Deuteranomaly

186.0300, 31.5372, 11.3747

Tritanomaly

187.2900, 7.2520, 54.1197

Monochromacy



Original Color

188.5550, 32.2644, 58.2723



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5550, 32.2644, 58.2723 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 254) }
```

Border

The CSS property to change the border of an element to YUV 188.5550, 32.2644, 58.2723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 142, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 142, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 142, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 188.5550, 32.2644, 58.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
142, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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